



Fuel Integrity Programmes

About Our Programmes

- > Our fuel integrity program is the most efficient solution to fight against fuel smuggling, adulteration or distribution of substandard refined products.
- > Thanks to an advanced technology, all fuel supply is marked with an undetectable and non-abrasive marker that quickly reveal dilution or any alteration. Hence, helping Governments protect their tax revenues and fuel supply.

Key Benefits

-  Bring immediate and measurable effect on tax collection and sales volume;
-  Weaken fraudulent behaviours and curb criminal activities;
-  Provide effective solution to fight against subsidy abuse;
-  Strengthen consumers' trust in government and oil companies;
-  Protect consumers from early obsolescence of vehicles due to poor fuel quality;
-  Contribute to environment protection by reducing unregulated polluting elements.

Need to protect your fuel supply chain?

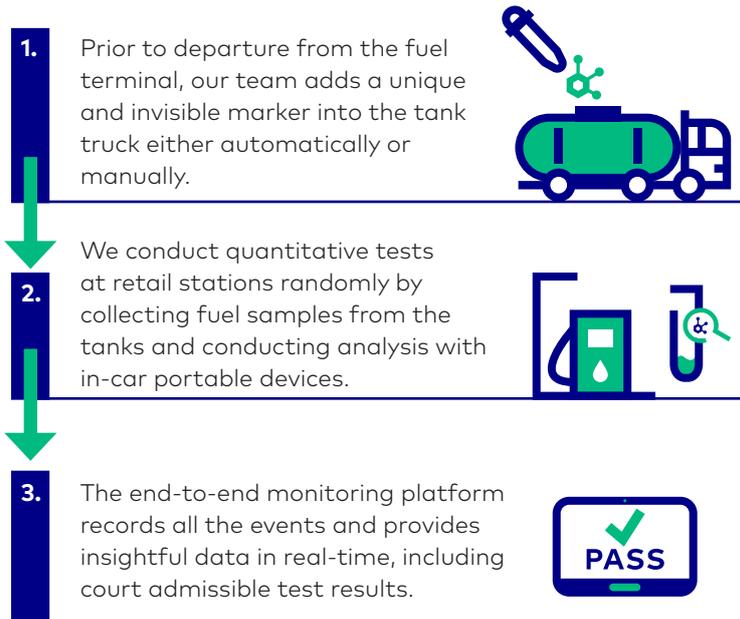
Every year, petroleum companies are estimated to lose around \$USD 133 billion due to fuel theft, adulteration, and fraud. These unlawful activities have far-reaching consequences such as:

- > severe economic losses for nations as tax is not paid on illegal fuel sales and fuel subsidies diverted;
- > legitimate fuel businesses suffer as they are unable to compete with the lower prices of illegal fuel;
- > environmental degradation for example adulterated fuel can contain higher levels of harmful pollutants lead to increased air pollution;
- > damages to vehicles and equipment that use the counterfeit fuel, leading to increased maintenance costs.

To address these widespread issues, we have introduced an innovative solution that offers a secure and tamper-proof method of authentication, ensuring the integrity of the downstream fuel supply chain.

Cotecna helps governments combat fraud and recover lost revenue by preventing the diversion of subsidies from their intended purposes and the dilution of taxed fuels with lower or tax-free products.

Our Process



A cutting-edge solution to efficiently combat fuel fraud

Our fuel integrity programmes enable to "chemically stamp" the fuel at a nationwide level while easily adapting to different types of consignments such as domestic consumption, export, or transit. To achieve this, we rely on high-quality chemical markers to detect and prosecute fuel adulteration and smuggling.

The markers used in our programmes offer a complete tracing of quantities distributed throughout the supply and distribution chain, resulting in a considerable improvement of the quality of petroleum products overtime.

The field inspections performed by our teams at petroleum stations, enable to reveal any sign of adulteration or dilution in only a few minutes. Our inspections are conducted on a regular and random principle to significantly reducing the risk of collusion.

Through the implementation of a fuel marking programme, Cotecna not only allows its Government clients prevent the distribution of substandard refined products but also contributes to a tax collection increase.

A technology integrator, Cotecna supplies the markers and provides dedicated teams to operate and maintain the solution throughout the duration of the contract. We work closely with our clients to ensure the highest quality of service, as a result of our 4-pillar value proposition.

Our Value Proposition

Security

We apply a robust process control to maintain a high level of security and safety from markers storage to market surveillance for all staff and equipment.

Traceability

We monitor the usage of markers as well as all our processes and results through a smart platform, with the objective of preventing the risk of fraud or collusion.



Compliance

We guarantee the highest standards by regularly and randomly performing audits that strengthen our commitment to transparency and our quality-oriented approach.

Efficiency

We have established a set of standard operating procedures that include automated actions to enhance overall productivity and ensure success for all stakeholders.

About Cotecna

Cotecna, a swiss based service provider, is recognized as a world leader in the development of tailored solutions and know-how to facilitate trade and help governments boost their revenues.

Our technical expertise combined with the superior quality of our services and our ability to anticipate our clients' needs is what sets us apart.

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